OIL FUEL IN STEEL PLANTS.

Geologists and other experts diffe. as to the period that must elapse before the coal fields now actively mining will show signs of exhaustion. Vast areas of coal deposits exist in Alaska, China and elsewhere which remain untouched, but approximately 400 years is the lowest calculation of the time required to consume the coal deposits of America and England at the present rate of consumption. In the meantime vast changes in the production of power for manufacturing purposes are certain to take place. Streams in all parts of the world will be utilized for generating electricity, says Philadelphia Press. Problems relating to the transmission of the current over long distances with a minimum leakage are engaging the attention of electrical engineers. A solution will surely be forthcoming. A century hence the smoke nuisance in cities may not be understood, for the simple reason that all power used in factories and heat for domestic purposes are likely to be supplied by water-generated electricity. The production of coal has already become so expensive that experiments in the use of oil as fuel in steamships and war vessels have made considerable progress. Relative success appears to have attended these trials.

The diamond is pure carbon and the hardest substance in nature. It burns in a temperature of 800 centigrade, producing carbonic acid. All diamonds are not equally hard, and there is sometimes a varying degree of hardness in different parts of a large diamond. Some diamonds glow in a dark room; some are florescent, appearing milky in sunlight. Diamonds are of many colors-pure white, yellow, jet black, dark brown, light cinnamon, green, blue, pink, and orange, the diamonds of each mine having a distinctive character. An expert can usually tell the mine by examining the stone. Most of the diamonds of today come from the famous Kimberley and De Beers mines, in South Africa,

The battleship Orion, which Great Britain launched the other day, is 4,000 tons smaller than the cruiser Lion launched a few days before, and is slower; but she will throw a weight of shot and will carry an array of torpedoes that will render her more dangerous in a standup fight. The Orion is declared to be the most powerful battleship afloat. But how long will she be? Only one sure thing can be predicted of the Orion: and that is, in a few years she will be on the scrapheap and still more powerful fighters will be carrying the flag in her place. There is no end to the race in building

Moissant, who, with his mechanician weighing 182 pounds, made an aeroplant flight near the English channel, is a native of Chicago, but he found that burg too slow for him, took in a then beat the French at their own game of sensational flying. He has the real spirit of Yankee Doodle.

A Chicago professor elucidates the theory that the small flat breeds the bad boy. We were under the impression that the main indictment was that it does not breed them at all, good or bad. Also it may be reflected that bad boys were known in abundance before small flats were dreamed of.

A New York judge has suggested that a woman attorney, like her masculine colleague, should take off her hat when addressing the court. Per- SWEAR TO LYNCH YOUTH hans this will be met by the excuse that a busy woman attorney has no time to tidy her hair-and that she looks much better in a hat, anyway.

As barefoot dancing has been introduced at Newport by a fashionable dancer, and the chief of police has ordered his own arrest, that resort is at present challenging New Jersey for the championship in unusual happen-

New York, the craziest city in the world, chews more gum things than any other city according to recent statistics. Does gum-chewing go from hand to mouth, and from mouth

King Manuel of Portugal has been forced to hide in the mountains for the purpose of keeping out of the way of the Portuguese revolutionists. It seems a shame to spoil the summer of an absolutely inoffensive young king in that way.

Somebody has invented a bicycle to run on the tops of fences. The mechanism will at once appeal to many as distinctly superior to the aero-

PRODUCE TRUST'S FINE IS SET ASIDE

KANSAS CITY JUDGE PENALIZES THREE MEMBERS AND THEN REMITS THEM ALL.

NOT PRESENT IN COURT

Defendants Plead Lack of Notice and Secure a Rehearing-Representative is Cited to Appear !-

Court on Monday.

Kansas City, Mo .- Half an hour after Judge E. E. Porterfield had dissolved the Kansas City Produce exchange and fined three of its members an aggregate of \$8,500, the court set aside both the order and the fines.

When the first court action was taken none of the defendants to the suits had a legal representative ip court. Within a few minutes after Judge Porterfield had fixed the penalties, however, W. S. Cowherd, attorney for the exchange, appeared and made strenuous protest against the action that had been taken. He said he did not understand the time for the final hearing of the case had been set. Judge Porterfield then set the case for hearing.

It is understood Attorney Cowherd will ask Judge Porterfield to appoint a commission to take evidence in the case and to submit a recommendation to the court,

Prices Were Daily Fixed.

Fines assessed were: The Armour Packing company, \$7,500; W. L. Grush Commission company, \$500, and Hurst Produce and Commission company, \$500. Had the court desired it might have ordered the Armour organization to cease doing business in Missouri.

For years the custom has been for the exchange to meet daily at a hotel and fix the proces on foodstuffs. A few months ago nine members of the organization were indicted on charges of operating a trust. Later Prosecutor Conkling made a civil case of the charges.

As no notice of the suit had been served upon Swift & Co., Judge Porterfield took no action on its case. A court citation was made, however, or dering representatives to appear in court Monday to answer a charge that it had been violating the anti-trust

DIVERS WORK ON MAINE

Wreck in Havana Harbor Being Examined Preparatory to Its Raising.

Havana, Cuba.-Preliminary work on the wreck of the Maine continues under the direction of Capt. Ferguson of the United States engineer corps, who has a force of American divers and drillers at work examining the bottom in the immediate vicinity of

Borings show that the wreck has settled comparatively little since the night of the disaster.

few Central American revolutions and GAYNOR AGAIN AT WORK

Resumes Place as Active Executive Head of the New York City Government.

New York .- Mayor William J. Gaynor is again the active head of the New York city government.

He came to the city hall and took hold of the executive reins for the first time since August 9, when his intended vacation trip to Europe was cut short by a bullet from the pistol of James J. Gallagher, a discharged city employe, who shot the mayor on the deck of the steamer on which he was about to depart.

Swinton Permenter Goes on Trial for Murder While Troops Patrol Louisville Court House.

Louisville, Miss.-While troops stood about the court house and the court house yard to preserve order, and a sworn band of 50 men, determined on a lynching, lurked about the building, Swinton Permenter went on trial in Louisville for the murder of Janet Sharp, whose body was found in a thicket near her home the middle of July.

Girl Shoots Self Killing Chicken. Colorado Springs, Colo.-Miss Alice Clements, 18 years old, shot herself in the thigh while trying to break the neck of a chicken with the stock of a rifle. She will recover.

College Has Abolished Football. Des Moines, Ia,-Still College of Des Moines takes rank as being the first school of the state to abolish football. Lack of interest, together with danger of injury, is given as the

Date for World Series. Cincinnati, O .- Games between the Chicago National league team and the Philadelphia American league for the world's baseball championship will begin in the Pennsylvania city on Monday, Oct. 17.

"THE VAMPIRE" IN REAL LIFE



GRAFT DIVIDED IN SECRET

ALL MONEY GIVEN TO MIDDLE-MEN, WHO DISTRIBUTED IT.

Self-Confessed "Go-Between" Gives Sensational Testimony In Car Repair Case.

Chicago, Ill .-- A. C. Goodrich, a self-confessed "go-between," and Henty C. Ostermann, former president of the Ostermann Manufacturing company, vied with each other before Municipal Judge Bruggemeyer in stripping bar the secrets of the alteged combination, which is charged with swindling the Illinois Central oy car repair frauds.

Goodrich, like Ostermann, was placed on the stand as a witness for the prosecution. He described in detail methods which he said Illinois Central officials used to conceal their identity as stockholders in the Ostermann repair concern. In testifying, Ostermann had said certain payments to the railroad officials were made by checks to Goodrich. When placed on the stand Goodrich began his testimony at this point.

"The checks were made out in my name," Goodrich said. "Frank B. Harriman had asked me some time previous if I would agree to have checks made out in my name and accept certain payments for him. 1 agreed. I do not know what source the checks came from, but I received a number of them. I know, however, they were issued by the company, of which I have been reading in the newspapers. I indorsed them and placed them to my private account in the Fort Dearborn National bank."

BROOKINS' PRETTY FLIGHT

ing Trip From Chicago to Springfield, III.

Springfield, Ill.-Aviator Walter Brookins alighted gracefully in the fair grounds here at 4:27 o'clock, seven hours and twelve minutes out of Chicago, after having sailed his Wright biplane the 1924 miles with two stops. They were at Gilman, Ill., 80 miles from Chicago, at 11:30 a. m., and at Mount Pulaski, Ill., 163 miles from Chicago, at 3:29

p. m. The first stop was for water, oil and gasoline; the second for the same necessities and because his pump had broken and the engine became hot.

Brookins arrived at the fair grounds eight minutes before the station was reached by the Illinois Central fast special train. He made the dip to alight at 4:27 p. m., making 7 hours 12 minutes elapsed time from the start in Chicago. The actual flying time was 5 hours 44 minutes for the 1923/2 miles, an average flying rate of 33 miles per hour.

Brigadier to Command in Hawaii. Washington, D. C .-- To unify the military force in Hawail, the war department has decided to assign a brigadier general to take command of the forces there. The :roops in Hawall, though under this single command, still will be a part of the department of California. The officer who will be assigned to the Hawaiian command has not yet been selected.

U. S. Lends Nicaragua \$20,000,000. London, Eng.-London financiers have received a cablegram from Nicaragua stating that the United States has completed arrangements for a loan to Nicaragua of \$20,000,000, the United States taking over the financial administration of the country.

Promoters Found Guilty. Enid, Okl.-Three promoters of the Northwestern Immigration and Development company of Oklahoma, J. E. Stanley, A. J. Klyne and R. E. Porter, were found guilty here of using the mails to defraud.

Fire Damages Newspaper. New Orleans, La.—Practically the entire plant of the Times-Democrat Publishing company was destroyed by fire which originated in the white paper room on the first floor of the

RACES FOR THE PENNANTS

н	National	F-G	ague.		
ı	Club-		Won	Lost	Pe
J	Chicago		96	48	.66
1	New York			59	5.5
ı				41.0	10.5
ı				0.0	
ı	Philadelphia		10	1.3	(4.91)
Н	Cincinnati			77	- 41
ï	Brooklyn		62	87	., 41
1	St. Louis		59	86	.40
И	Boston		5.0	98	. 3
g	Second Control of the	1100		1 22	1000
1	American	Le	aque.		
ı	Club		Won	Lost	Pe
	Philadelphia	3570	101	46	. 65
	New York	100	6.9	4519	.54
И				27.5	153
14				2.2	1.00
	Hoston			08	4.525
i	Cleveland		68	18	V.35
J	Washington		65	83	,43
d	Chicago		65	84	.43
	St. Louis			105	.34
		10000	1000	F. 17 C. 17 C. 18	1/10

ROLL REVEALS 29 DEAD

NUMBER OF SAILORS DROWNED WHEN BARGE SWAMPED.

Explanations of Sinking of Boat From Battleship New Hampshire Are Various.

New York, N. Y .- In an official statement authorized by Rear Admiral Charles N. Vreeland and given out by Capt. Thomas S. Rodgers of the battleship New Hampshire, the number of the New Hampshire's sailors who are believed to have been on the battleship's / gailing launch when it filled in the Hudson Saturday night and who are still missing is set down at 29. Eleven members of Saturday's liberty party off the New Hampshire who were not known to have been in the sailing launch, but who are still missing, were noted in Captain Rodg-

Captain Rodgers gave out his state ment after the expiration of the last liberty party's shore leave. He said that the names published in the list Daring Aviator Makes Record-Break- of missing represented a careful process of elimination made in conjunction with the calling of the entire ship's roll.

On board the flagship Louisiana Rear Admiral Vreeland convened a court in inquiry to determine the exact cause of the accident and place the responsibility. A number of the men who were on board the ill-fated boat told their stories, and a report of the findings of the court when completed will be forwarded to the navy department.

Various suggestions as to how the accident occurred were in circulation. The generally accepted one, however, was that the barge, heavily loaded with sailors and marines, returning from shore leave, was caught in the heavy swells from a passing steamboat. Rising for a moment like a cork, the barge then plunged into the trough between two waves, one of which broke over the side and swamped it.

TAKES VANDERBILT CUP

Three Fatalities at Meet Where Harry Grant Takes First Prize.

Vanderbilt Cup Course.—Hary Grant, in an Alco car, won the Vanderbilt cup race. He was also the winner of last year's race, in an Alco car. His time this year was 4 hours 15 minutes 58 seconds. Joe Dawson, in a Mar-mon, was second, 25 seconds behind the winner; John Aitken, in a National, was third.

Three men-one Harold Stone, the crack driver from Los Angeles, whose entry number was 13-are dead, and more than a dozen persons are injured, several fatally, as a result of the Vanderbilt cup race. Stone's machine turned turtle.

Taft Frees Sugar Swindlers. Washington, D. C .- President Taft pardoned Edward A. Boyle, John R. Coyle, Patrick J. Hennessey and Thomas Kohoe, four sugar weighers, who are serving sentences for connecdon with the customs fraud.

Gets Five Years for Stealing Cent. Buffalo, N. Y .- Convicted of stealing one cent from a slot machine which he had broken open, Thomas Spader was sentenced to five years in Auburn prison. His previous record was taken into consideration.

BUILDING BLOWN UP

ABOUT TWENTY PERSONS ARE THOUGHT TO BE DEAD AND TWENTY HURT.

Union Men Make Denials and Employes of Paper Say the Basement Was Full of Leaking Gas.

Los Angeles, Cal.—Between 15 and 20 are believed to have been killed outright, and even more than a score seriously injured in an explosion which wrecked the plant of the Los Angeles Times shortly after 1:30 a. m., while the big edition of the paper was being run off.

The cause of the explosion, which was followed by a fire that completely destroyed the building and plant, is a mystery that probably only will be settled by a coroner's investiga-

As a result of the desperate warfare which has for years been carried on between union labor and Gen. Harrison Gray Otis, owner of the Times, friends of the latter are openly charging the building was dynamited by enemies of the paper.

25 Extra Printers at Work.

Owing to the fact that 25 extra printers and several other men employed in the mechanical department were at work on the Sunday pages, considerable difficulty was at first experienced in getting accurate figures as to the number of dead and injured. The property loss is estimated at upwards of \$500,000, but the publication of the Times will not be suspended. So bitter has been the feeling against the paper, it developed the management has for months kept a duplicate plant in a warehouse here to be used in just such an emergency.

Structure Filled With Gas. Employes who had just left the building when the explosion occurred say that gas had been leaking somewhere in the building all evening, and the smell of gas pervaded the whole structure. This has led the police to

believe that gas caused the explosion. The Times building is located at First and Broadway, in the heart of the business section of the city.

DEMOCRATS NOMINATE DIX

Flatform Favors Statewide Direct Primary System, Employers' Liability Bill and Income Tax.

Rochester, N. Y .- A state convention that will go down in history as one of the most remarkable in the history of the Democratic party closed by nominating John A. Dix, chairman of the party's state committee, and a wealthy Washington county business man, to run on a progressive platform of the widest type.

The complete ticket nominated is

Governor-John A. Dix of Albany. Lieutenant Governor-Thomas F.

Conway of Clinton. Secretary of State-Edward Lazan-

sky of King's. Comptroller-William Sohmer of New York.

State Engineer-John A. Bensel of New York. Treasurer-John J. Kennedy of

Erie. Attorney General-Thomas F. Car-

mody of Yates. Associate Justice, Court of Appeals Fred K. Collins of Chemung.

The planks of the platform adopted by the Democrats in favor of a statewide direct primary system, an employers' liability bill and an income tax system were each greeted with prolonged cheering. Th declaration against a new nationalism was received with great enthusiasm.

GOV. CARROLL ACQUITTED

lowa Chief Executive is Freed on Libel Charge at Des Moines-Verdict Was Expected.

Des Moines, Ia.-Governor Carroll is not guilty of the charge of criminally libeling John Crownie.

This is the verdict of the jury, returned in Judge Howe's court by the jury which tried the state's chief executive.

The verdict was expected, as it was generally conceded the state had failed to make a case.

Sentenced; Kills Eelf.

Covington, Ky.-Five minutes after ecciving a five-year sentence for stealing jewelry from his flance, Carrie Warner of Winchester, Ky., C. L. Frazier of Indianapolis committed suicide with carbolic acid.

Gen, Macomb to Go to Hawaii. Washington, D. C .- Col. M. M. Macomb, as soon as he becomes a brig adjer general November 14, succeed ing General Meyer, who retires, will be placed in command of the military forces of Hawaii.

Robbers Kill Station Agent. Cincinnati, O .- Robbers killed 7. McKinney, 25 years old, station agent at New Richmond, Ky., and robbed the office of tickets and cash to the amount of several hundred dollars. They escaped.

LOSANGELESTIMES | MISSOURI GENSUS SHOWS 3,293,335

FEDERAL FIGURES INDICATE THE POPULATION DECREASE IN SEVENTY COUNTIES.

EDITOR BLAMES ENEMIES TOTAL GAIN 6 PER CENT

St. Louis City and County and Jackson Prevent State Decline-Buchanan County and St. Joseph Suffer Loss of 28,818.

Washington, D. C .- The census returns for the 115 counties of Missourt are sure to be disappointing to nearly two-thirds of the counties of the state, as well as to the people of the stateat large for the increase in population for the last decade was only 6 per cent, as compared to 16 per cent in the decade from 1890 to 1900. The population of the state is now, 3,293,-335, compared to 3,106,665 in 1900 and 2,679,184 in 1890. The increase from 1900 to 1910 was 186,670, as compared with an increase of 427,481 in the preceding decade.

The decrease is not confined to any particular section of the state. It is easier, in fact, to point out the placeswhere there was increase than toenumerate the countles that show a. decline.

The city of St. Louis, which is given in the list, and has already been announced separately, and St. Louiscounty, are among the divisions showing the largest increases.

Jackson county and Greene county have large increases, but Buchanan county, in which is located St. Joseph, drops back 28,818.

The official figures for the state, ascompared with the figures for 1909and 1890, are as follows:

1	County.			****	
	The state 3	1910. 293,335	3,106,665	1890. 2,679,184	
	Adair Andrew	22,700 15,282	21,728 17,332 16,501	17,417 17,417 16,583	
	Atchison	13,604 21,687		15,533	
1	Enrry	23,869	21,160 25,532 18,253 30,141 16,556	22,074 22,943 18,504	
ş	Barton	16.747	18,253	18.504	
	Benton	25,869 14,881	16,556	32,223 14,978	
1	Bollinger	30,533	14,650 28,642	13,121 26,043	
	Buchanan	93 020	121,838	70,100- 10,164	
	Caldwell	20,624 14,605	16,769 16,656	15,152	
	Callaway	24,400 11,582	25,984 13,113	25,131 10,040	
	C. Girardeau .	27.621	24,315	22,060	
Ĭ	Carroll	23,698 5,504	26,455 6,706	4,659	
	Cass	22,073	23,636	23,301 15,620	
I	Chariton	0.0. 20.00	25.27 43.43.45	26,254 14,017	
	Chariton Christian Clark	15.832	45.969	15,126	
		20,302	18,903	19.856	
	Cole	21,357	20.578	17,138 17,281 22,707	
	Crawford	20.311	19.550	22,707	
	Clinton Cole Cooper Crawford Datlas	15,832 12,811 20,302 15,297 21,357 20,311 13,576 15,613	18,903 17,863 20,578 22,532 12,959 18,125	22,707 11,961 17,526 12,647	
	Providence	18 181 17.605 12.531	21,325	20,456	19
	DeKalb	12.531	13,903 21,325 14,418 12,986	20,456 14,539 12,149	3
	Douglass	16.664	16.802	14011	
	Franklin	29,830	30,581	15,085- 28,053	
	Margennade	16.820	20 554	11,706	
	Gentry	63,831	52.718 17.832	48,616	
	Greene Grandy Harrison Herry	16.744 20.466	24,398		
	PHEROPY	20.466 27.243 8.741	9,985	28,235 9,453	
	Holt	14,539 15,653	17 692	15,469- 17,371	
		21.065	21,834	18,618	
	Iron	8,563 283,522	18,337 21,834 8,716 195,193 84,018	9,119 160,510	
		89,673	84.018 25.712	E0 500.	
	Jefferson	27,878 26,297	27,843	28,132	
	Knex	12,403 17,363 30,154	18,479 16,523	22.484 28.132: 13.501 14.701	
	Lafayette	30.154 26.583	31,662	30,184 26,228	
	Lewis	15.514	16.724	15,935	
	Lincoln	17.033 25.253 19.453	25/503	18,346 24,131	
ar	Livingston McDonald Macon	19.453	22,802 13,574	20,668 11,283	
	Macon	30,868 11,278	33,018	30,575	
	Maries	10.088	9,975 9,616	9,268 8,600	
H	Marion	30.572 12,335	26,331 14,706 15,187 11,837	24,238 14,581	
ı	Miller Mississippi Moniteau	16.717	15.187	14.163	
	1.50,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	12,335 16,717 14,557 14,375	15,931	15,630	
	Montgomery .	15,604	15,931 19,716 16,571	14.163 10.134 15.630 20.790 16.850	
į	Morgan New Madrid .	12,863	12,175	9.317	
	Newton	19.488 27.136	27,001	12,311 9,317 22,108 30,914	
	Oregon	28.833 14.6%1	18,906	10.401	
	Osage	14,6%1 14,283 11,926	14,096 12,145	13.030- 9.795	
	Pemiscot	19,559	12,115	5,875	
	Perry	14.898 33.913	15,134 32,458	13,237 31,151	
ı	Phelps	33.913 15.796 22.556	14.194 25.744 16.193	12,636- 26,321	
ı	Platte	14,429	16.193	16,248	
ı	Polk	21,561 11,438 14,308 12,913	23,255 10,394 16,688	9.887 15.366 12.294 24.893 24.215 6.803 8.512	3
	Ralls	12,913	16,688	12,294	3
	Randolph	26,182 21,451 9,592	24.442	24.893	38
ı	Reynolds	9,592	24,805 8,161	6,803	35
N	St. Charles	13,039 24,695	24,484		91
	St. Clair St. Francols .	16.412 35,738	17,907 24,051	16.747 17,347 36,367	3
	St. Louis	82.417	50.010	36.307	184

Stondard ... Stone ... Sullivan ... Taney ... Texas ... Vernon ... Warren ... Washington ... 13.378 15.181 17.377 8.007 18,315

andolph
ay
teynolds
ipley
t Charles
t Clair
t Francols
t Louis
t Louis City
Genevieve

Saline Schuyler Scotland

Shelby

The kingdom waits for every-day cindness and justice He has no true faith in his God who has none in himself.

SHORT SERMONS.

The life of goodness leads to faith in the goodness of life. It is easy to prove your God by logic and still be an atheist in your

life. According to some it makes no difference how many dead cats you throw into the well so long as you keep the pump handle polished.